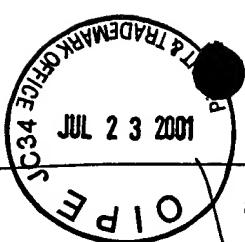


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JUL 27 2001

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SEQUENCE LISTING

<110> Hammond, David J
Carbonell, Ruben
Wiltshire, Vite Rose
Shen, Honglue

<120> PRION-BINDING LIGANDS AND METHODS OF USING SAME

<130> 18242-507

<140> 09/543,188

<141> 2000-04-05

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Amino Acid Sequence

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1 5

INSI
B1

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Trp Leu Tyr Trp Ile Pro
1 5

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<210> 5
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Trp Glu Phe Tyr Trp Phe
1 5

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Tyr Val Phe Asn Trp Tyr
1 5

<210> 7
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Leu Ala Trp Phe Trp Arg
1 5

<210> 8
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Gly Phe Phe Phe Trp Trp
1 5

<210> 9
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Peptide Sequence

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Phe Tyr Val Phe Thr Ala
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INS
B1

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Ser Phe Pro Tyr Tyr Tyr
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<210> 12
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Leu Glu Ile Arg Leu Ala
1 5

<210> 13
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<400> 13
Leu Leu Leu Val Ile Ala
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<210> 14
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<400> 14
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1 5

<210> 15
(B)
<211> 6
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1 5

<210> 16
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<210> 17
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INS
B1 }
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Pro Phe His Pro Gly
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α
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Trp Ile Pro Pro Tyr Asn
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Leu Trp Trp Leu Phe Val
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Ile Phe Phe Trp Ile Lys
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<210> 24
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Peptide Sequence

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Arg Trp Ile Ile Ser Leu
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INS
B1
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Peptide Sequence

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Gln Trp Trp Phe Ile Ile
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3
Aj
Cont.
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<400> 26
Val Phe Glu Tyr Ile Lys
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<210> 27
<211> 6

<212> PRT
<213> Artificial Sequence

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Peptide Sequence

<400> 27
Trp Leu Val Trp Ile Ala
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<210> 28
<211> 6
<212> PRT
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Peptide Sequence

<400> 28
Tyr Trp Phe Ile Tyr Ile
1 5

<210> 29
<211> 6
<212> PRT
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<220>
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Peptide Sequence

<400> 29
Thr Gly Ile Pro Ile Ile
1 5

<210> 30
<211> 6
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Peptide Sequence

<400> 30
His Lys Glu Gln Gly Ala
1 5

<210> 31
<211> 5
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Prion Protein Amino Acid Sequence

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His Gly Gly Gly Trp
1 5

INS b1
<210> 32
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Copper Binding Amino Acid Motif

A3
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His Gly Gly Gly
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<210> 33
<211> 16
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Repeated Amino Acid Sequence

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Pro His Gly Gly Gly Trp Gly Gln Pro His Gly Gly Gly Trp Gly Gln
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INS

<210> 34

<211> 17

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Prion Protein
Retro-Inverso Amino Acid Sequence

<400> 34

Asp Gly Gly His Pro Gln Gly Trp Gly Gly His Pro Gln Gly Trp

1

5

10

15

Gly

B1

<210> 35

<211> 6

<212> PRT

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<223> Description of Artificial Sequence: Peptide 76

<400> 35

Phe Leu Leu His Pro Ile

1

5

B2

<210> 36

<211> 6

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<213> Artificial Sequence

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<223> Description of Artificial Sequence: Peptide 55

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His His His Pro Gln Thr

1

5

Cont

<210> 37

<211> 6

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EWS

<220>
<223> Description of Artificial Sequence: Peptide 71

<400> 37
Arg Tyr His Val Tyr Phe
1 5

<210> 38
<211> 6
<212> PRT
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Ligand Peptide Retro-Inverso Sequence

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Phe Ile Trp Ile Gln Ile
1 5

A3
cont

<210> 39
<211> 4
<212> PRT
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<220>
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Recognized Prion Protein Peptide Sequence

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